

Special Issue

New Trends in Ultrasound Imaging

Message from the Guest Editors

Ultrasound imaging has undergone tremendous evolution in recent years, driven by technological advances in transducer design, artificial intelligence integration, and high-resolution imaging capabilities. As a non-invasive, cost-effective, and real-time diagnostic tool, ultrasound is expanding far beyond its traditional applications in obstetrics and cardiology to new frontiers such as interventional radiology, musculoskeletal medicine, oncology, and beyond. This Special Issue aims to bring together cutting-edge research and comprehensive reviews that highlight recent advancements, innovative methodologies, and future perspectives in ultrasound imaging. Contributions are welcome from both clinical and technical domains, reflecting the multidisciplinary nature of this field. We especially encourage submissions that explore novel applications, AI-assisted interpretation, elastography, contrast-enhanced ultrasound, and image-guided interventions.

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Deadline for manuscript submissions

15 February 2026



Diagnostics

an Open Access Journal
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Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



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